

ABSTRACT

It is an object of the present invention to provide an expression vector, a host, a fused protein, a protein, a process for producing a fused protein, and a process for producing a protein, which can prevent formation of an unactive abnormal protein at production of a recombinant protein, and can produce a desired protein as a natural type, that is, a soluble type at a large amount and effectively.

That is, the present invention is an expression vector, which comprises: (a) a first coding region encoding a polypeptide having molecular chaperone activity, and (b) a region having at least one restriction enzyme site in which a second coding region encoding a protein can be inserted.

In the expression vector of the present invention, the first coding region is operatively linked to a promoter, and the restriction enzyme sites are in the same reading frame as the first coding region, and are downstream of the first coding region, or the restriction enzyme sites are disposed so that the inserted second coding region is operatively linked to a promoter, and the first coding region is in the same reading frame as the second coding region, and is downstream of the second coding region.